0280

RAW SEQUENCE LISTING   DATE: 12/18/2001
PATENT APPLICATION: US/10/008,093   TIME: 16:07:52

Input Set : A:\Seqlist.txt
Output Set: N:\CRF3\12182001\J008093.raw   **ENTERED**

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    5 <120> TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE IDENTIFICATION,
    6       ASSESSMENT, PREVENTION AND THERAPY OF
    7       CARDIOVASCULAR DISEASE
    9 <130> FILE REFERENCE: MRI-026
C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/008,093
C--> 11 <141> CURRENT FILING DATE: 2001-11-09
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   12 <151> PRIOR FILING DATE: 2000-11-09
   14 <150> PRIOR APPLICATION NUMBER: US 60/257,417
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   23 <212> TYPE: DNA
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   41 aacaacgtgg tgaatggttc cagccctgcc atccgcacta actacattgg ccacaagaca 900
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 58 atccagtgca cagatgttga tgagtgcaaa gaagtgcctg atgcctgctt caaccacaat 1920
 59 ggagagcacc ggtgtgagaa cacggacccc ggctacaact gcctgccctg ccccccacgc 1980
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 68 gatcaggcag acacagacaa caatggggaa ggagacgcct gtgctgcaga cattgatgga 2520
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133              20                  25                  30
134 Ile Phe Glu Leu Thr Gly Ala Ala Arg Lys Gly Ser Gly Arg Arg Leu
135          35                  40                  45
136 Val Lys Gly Pro Asp Pro Ser Ser Pro Ala Phe Arg Ile Glu Asp Ala
137      50                  55                  60
138 Asn Leu Ile Pro Pro Val Pro Asp Asp Lys Phe Gln Asp Leu Val Asp
139 65                  70                  75                  80
140 Ala Val Arg Ala Glu Lys Gly Phe Leu Leu Leu Ala Ser Leu Arg Gln
141              85                  90                  95
142 Met Lys Lys Thr Arg Gly Thr Leu Leu Ala Leu Glu Arg Lys Asp His
143              100                 105                 110
144 Ser Gly Gln Val Phe Ser Val Val Ser Asn Gly Lys Ala Gly Thr Leu
145              115                 120                 125
146 Asp Leu Ser Leu Thr Val Gln Gly Lys Gln His Val Val Ser Val Glu
147      130                 135                 140
148 Glu Ala Leu Leu Ala Thr Gly Gln Trp Lys Ser Ile Thr Leu Phe Val
149 145                 150                 155                 160
150 Gln Glu Asp Arg Ala Gln Leu Tyr Ile Asp Cys Glu Lys Met Glu Asn
151              165                 170                 175
152 Ala Glu Leu Asp Val Pro Ile Gln Ser Val Phe Thr Arg Asp Leu Ala
153              180                 185                 190
154 Ser Ile Ala Arg Leu Arg Ile Ala Lys Gly Gly Val Asn Asp Asn Phe
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161                 245                 250                 255
162 Asn Tyr Ile Gly His Lys Thr Lys Asp Leu Gln Ala Ile Cys Gly Ile
163                 260                 265                 270
164 Ser Cys Asp Glu Leu Ser Ser Met Val Leu Glu Leu Arg Gly Leu Arg
165         275                 280                 285
166 Thr Ile Val Thr Thr Leu Gln Asp Ser Ile Arg Lys Val Thr Glu Glu
167         290                 295                 300
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171                 325                 330                 335
172 Thr Glu Cys His Cys Gln Asn Ser Val Thr Ile Cys Lys Lys Val Ser
173             340                 345                 350
174 Cys Pro Ile Met Pro Cys Ser Asn Ala Thr Val Pro Asp Gly Glu Cys
175         355                 360                 365
176 Cys Pro Arg Cys Trp Pro Ser Asp Ser Ala Asp Asp Gly Trp Ser Pro
177         370                 375                 380
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179 385                 390                 395                 400
180 Gln Arg Gly Arg Ser Cys Asp Ser Leu Asn Asn Arg Cys Glu Gly Ser
181             405                 410                 415
182 Ser Val Gln Thr Arg Thr Cys His Ile Gln Glu Cys Asp Lys Arg Phe
183             420                 425                 430
184 Lys Gln Asp Gly Gly Trp Ser His Trp Ser Pro Trp Ser Ser Cys Ser
185         435                 440                 445
186 Val Thr Cys Gly Asp Gly Val Ile Thr Arg Ile Arg Leu Cys Asn Ser
187         450                 455                 460
188 Pro Ser Pro Gln Met Asn Gly Lys Pro Cys Glu Gly Glu Ala Arg Glu
189 465                 470                 475                 480
190 Thr Lys Ala Cys Lys Lys Asp Ala Cys Pro Ile Asn Gly Gly Trp Gly
191             485                 490                 495
192 Pro Trp Ser Pro Trp Asp Ile Cys Ser Val Thr Cys Gly Gly Gly Val
193         500                 505                 510
194 Gln Lys Arg Ser Arg Leu Cys Asn Asn Pro Ala Pro Gln Phe Gly Gly
195         515                 520                 525
196 Lys Asp Cys Val Gly Asp Val Thr Glu Asn Gln Ile Cys Asn Lys Gln
197 530                 535                 540
198 Asp Cys Pro Ile Asp Gly Cys Leu Ser Asn Pro Cys Phe Ala Gly Val
199 545                 550                 555                 560
200 Lys Cys Thr Ser Tyr Pro Asp Gly Ser Trp Lys Cys Gly Ala Cys Pro
201                 565                 570                 575
202 Pro Gly Tyr Ser Gly Asn Gly Ile Gln Cys Thr Asp Val Asp Glu Cys
203                 580                 585                 590
204 Lys Glu Val Pro Asp Ala Cys Phe Asn His Asn Gly Glu His Arg Cys
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209 625                 630                 635                 640
210 Lys Gln Val Cys Lys Pro Arg Asn Pro Cys Thr Asp Gly Thr His Asp
211                 645                 650                 655
212 Cys Asn Lys Asn Ala Lys Cys Asn Tyr Leu Gly His Tyr Ser Asp Pro
213                 660                 665                 670
214 Met Tyr Arg Cys Glu Cys Lys Pro Gly Tyr Ala Gly Asn Gly Ile Ile
215         675                 680                 685
216 Cys Gly Glu Asp Thr Asp Leu Asp Gly Trp Pro Asn Glu Asn Leu Val
217     690                 695                 700
218 Cys Val Ala Asn Ala Thr Tyr His Cys Lys Lys Asp Asn Cys Pro Asn
219 705                 710                 715                 720
220 Leu Pro Asn Ser Gly Gln Glu Asp Tyr Asp Lys Asp Gly Ile Gly Asp
221                 725                 730                 735
222 Ala Cys Asp Asp Asp Asp Asp Asn Asp Lys Ile Pro Asp Asp Arg Asp
223                 740                 745                 750
224 Asn Cys Pro Phe His Tyr Asn Pro Ala Gln Tyr Asp Tyr Asp Arg Asp
225         755                 760                 765
226 Asp Val Gly Asp Arg Cys Asp Asn Cys Pro Tyr Asn His Asn Pro Asp
227     770                 775                 780
228 Gln Ala Asp Thr Asp Asn Asn Gly Glu Gly Asp Ala Cys Ala Ala Asp
229 785                 790                 795                 800
230 Ile Asp Gly Asp Gly Ile Leu Asn Glu Arg Asp Asn Cys Gln Tyr Val
231                 805                 810                 815
232 Tyr Asn Val Asp Gln Arg Asp Thr Asp Met Asp Gly Val Gly Asp Gln
233                 820                 825                 830
234 Cys Asp Asn Cys Pro Leu Glu His Asn Pro Asp Gln Leu Asp Ser Asp
235         835                 840                 845
236 Ser Asp Arg Ile Gly Asp Thr Cys Asp Asn Asn Gln Asp Ile Asp Glu
237     850                 855                 860
238 Asp Gly His Gln Asn Asn Leu Asp Asn Cys Pro Tyr Val Pro Asn Ala
239 865                 870                 875                 880
240 Asn Gln Ala Asp His Asp Lys Asp Gly Lys Gly Asp Ala Cys Asp His
241                 885                 890                 895
242 Asp Asp Asp Asn Asp Gly Ile Pro Asp Asp Lys Asp Asn Cys Arg Leu
243                 900                 905                 910
244 Val Pro Asn Pro Asp Gln Lys Asp Ser Asp Gly Asp Gly Arg Gly Asp
245         915                 920                 925
246 Ala Cys Lys Asp Asp Phe Asp His Asp Ser Val Pro Asp Ile Asp Asp
247     930                 935                 940
248 Ile Cys Pro Glu Asn Val Asp Ile Ser Glu Thr Asp Phe Arg Arg Phe
249 945                 950                 955                 960
250 Gln Met Ile Pro Leu Asp Pro Lys Gly Thr Ser Gln Asn Asp Pro Asn
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253                 980                 985                 990
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L:11 M:270 C: Current Application Number differs, Replaced Current Application No
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date